



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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For the week ending September 9, 2012

## TOPSOIL MOISTURE SUPPLIES GREATLY IMPROVED

Plentiful rain fell across the state last week benefitting crops and boosting soil moisture supplies. The condition of cotton, soybeans, and tobacco crops improved and were rated in mostly good condition. Corn harvest continued at a rapid pace two weeks ahead of normal. Tobacco harvest continued to be slow, with dark fire and dark air cured harvests more than a week behind the normal pace. Other farming activities included cutting hay, defoliating cotton, and spraying crops and pastures.

Four and a half days were suitable for fieldwork last week. Topsoil moisture levels were rated 2 percent very short, 16 percent short, 73 percent adequate and 9 percent surplus. Subsoil moisture levels were rated 11 percent very short, 27 percent short, 61 percent adequate and 1 percent surplus. Temperatures averaged above normal across the state. Rainfall averaged above normal across most of the state, except in the Plateau Region where rainfall was slightly below normal.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2011	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Mature	95	85	76	74	Cotton	1	4	28	57	10
Corn for Grain – Harvested	64	49	37	38	Pastures	4	13	35	42	6
Corn Silage – Harvested	93	89	89	86	Soybeans	3	10	27	49	11
Cotton – Bolls Opening	63	46	47	54	Tobacco	1	4	26	56	13
Soybeans – Dropping Leaves	29	15	21	34	TOPSOIL MOISTURE					
Burley Tobacco – Harvested	54	44	56	56	Level	This Week	Last Week	2011	Five Year	
Dark Air Cured – Harvested	58	48	78	77	Percent					
Dark Fire Cured – Harvested	46	37	65	66	Very Short	2	4	19	22	
Tobacco – Topped	96	94	95	96	Short	16	34	29	34	
					Adequate	73	57	45	41	
					Surplus	9	5	7	3	

### County Agent Comments

“Corn harvest progressing rapidly toward completion. Early group 3 maturity bean harvest has begun. Many acres of cotton approaching maturity stage for defoliation applications.”

Tim Campbell, Dyer County

“As hurricane Isaac passed through it brought a much needed 5 inches or so for most of the county, especially for late soybeans and cotton. Corn harvest is nearly complete with overall yields better than expected. Farmers are beginning to harvest soybeans and cotton. Due to drought and heavy grazing, some beef cattle farmers have been feeding hay for the past month but rains should provide some relief before winter months.”

J.C. Dupree, Jr., Lauderdale County

“The farmers in Fayette County received rain last weekend and some Wednesday night. When conditions allowed, farmers were busy harvesting corn and beans. Other activities included defoliation of cotton and spraying for insects in beans.”

Jeffery Via, Fayette County

“Lots of wind this week with two storm fronts moving through and we have had heavy rainfall. There is a lot of cotton holding on for dear life before it ends up on the ground. Soybeans are loving the rain and seem to be doing really well now.”

Jake Mallard, Madison County

“A hot, humid week with almost daily thunderstorms slowed harvest progress. Many parts of the county received 3" or more of precipitation with some hail and wind damage reported. Producers are looking forward to a good week of harvesting with favorable weather reports.”

Jeff Lannom, Weakley County

“We have had over 2 inches of rain this week in most places and it was needed. We are having to spray soybeans and corn as a harvest aid for morning glories in a lot of fields.”

Larry Moorehead, Moore County

“Frequent rain showers this week have improved soil moisture levels across the county and slowed corn harvest. Corn yields are as bad as expected on the drought ravaged fields. Cotton and soybeans are looking good for the most part. A lot of summer grass hay has been made over the last few weeks.”

Mitchell Mote, Rutherford County

“Showers throughout the week produced from 1.5 to 2.5 inches of rain for the week, minimizing field activities. Corn harvest is in full swing with about 50% of the crop harvested. Harvest has been slow due to high grain moisture and showers. The soybean crop is in good to excellent condition; about 40% of the crop is dropping leaves. A few acres of early maturing, early planted acres have been harvested. Insect pressure has increased mainly stink bugs and loopers with a number of acres reaching threshold levels and being treated. The cotton crop is in good shape with about 25% nearing ready to harvest. Hay harvest was stalled this past week but should resume this week with good drying conditions in the forecast, cool season grasses continue to improve.”

Ed Burns, Franklin County

“Two substantial storms came through this week with another due in the morning. Tobacco that is already in the barn is molding and starting to rot. Not good curing weather.”

Scott Chadwell, Putnam County

“Late-week rain helped to maintain topsoil moisture for seeding of forages. Soybeans have improved some with the additional moisture. Hay harvest continues and corn grain harvest is gaining momentum.”

John Wilson, Blount County

TEMPERATURES AND PRECIPITATION

For week ending: September 9, 2012 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending September 9, 2012				Current Week 9/9/12	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	97	49	77	3	3.34	4	30.76	-5.87	20.26	-2.42
Brownsville_TN	96	51	77	3	1.00	4	23.72	-12.94	13.48	-9.22
Covington	96	54	78	5	1.04	2	24.69	-11.03	12.55	-9.31
Dyersburg	99	54	78	4	0.95	4	19.62	-15.41	10.48	-11.57
Huntingdon_Wate	93	52	77	4	1.74	2	24.28	-12.58	15.59	-7.35
Jackson_Exp_Stn	96	53	78	5	1.85	4	31.05	-5.26	20.11	-2.77
Lexington_TN	92	51	77	3	0.90	4	27.58	-7.84	16.43	-5.64
Martin	93	53	77	4	1.88	7	25.52	-11.39	14.76	-8.74
Memphis_AG	100	56	81	5	3.15	4	31.74	-4.18	20.69	-1.56
Milan	93	51	77	4	1.48	3	29.62	-8.26	19.11	-4.98
Paris	91	51	76	4	1.78	4	23.67	-13.01	13.97	-9.03
Savannah_6SW	95	49	78	4	1.21	6	32.21	-7.40	19.25	-4.72
Selmer	95	50	80	7	0.86	3	33.23	-5.55	20.44	-2.92
Union_City	93	53	76	4	1.65	5	24.53	-11.49	14.93	-7.74
Middle										
Clarksville_Sew	93	53	77	4	1.60	5	22.79	-12.70	13.41	-8.26
Cookeville	89	52	74	3	1.99	5	37.42	-2.87	22.29	-2.80
Crossville_AP	87	51	73	5	1.26	6	31.79	-7.79	17.28	-7.10
Dickson_AG	90	50	74	2	2.32	5	29.26	-8.58	17.46	-6.20
Dover_1W	92	53	76	4	2.49	6	26.97	-9.82	16.28	-6.44
Fayetteville_TN	91	51	76	4	2.68	5	36.83	-0.82	21.84	-0.36
Jamestown	87	49	73	5	2.03	5	37.63	-1.42	21.91	-3.15
Kingston_Spring	92	52	76	5	2.54	6	32.56	-3.72	21.61	-0.54
Lewisburg	95	50	76	4	2.51	3	25.37	-13.01	14.68	-8.96
Livingston_WLIV	89	52	74	4	3.26	6	33.56	-3.96	17.31	-6.54
Lobelville	92	52	76	4	1.93	5	25.72	-13.25	15.09	-8.72
Murfreesboro_5N	92	53	76	3	2.17	6	30.94	-6.56	18.83	-4.73
Nashville_Metro	92	53	78	4	3.00	6	33.86	0.17	22.81	1.51
Oneida	89	53	73	6	1.66	6	36.95	-2.03	20.05	-4.91
Portland_TN	91	52	75	4	2.29	6	32.58	-3.92	20.90	-2.14
Pulaski_Water_P	89	50	74	-2	1.70	4	30.89	-7.57	19.66	-3.23
Shelbyville	92	52	77	4	1.50	5	30.48	-8.10	16.56	-6.97
Sparta_TN	91	55	76	5	1.81	6	31.48	-7.40	18.50	-5.66
Springfield	91	52	75	4	1.22	7	35.92	0.92	24.23	2.26
Springhill	92	53	75	4	2.45	5	32.72	-5.83	21.63	-2.13
Tullahoma	91	54	77	4	1.40	5	33.82	-5.86	20.45	-3.09
Waynesboro_TN	92	53	76	5	1.60	5	32.93	-7.57	21.09	-3.45
East										
Chattanooga/Lov	93	57	78	4	1.48	4	32.54	-5.13	18.21	-3.56
Cleveland_6NNE	88	54	74	2	0.58	3	29.35	-9.23	17.78	-5.07
Dayton	90	55	75	3	1.39	5	36.74	-2.88	22.41	-1.01
Erwin_1W	88	52	74	6	2.82	5	40.51	4.47	29.81	5.42
Gatlinburg_2SW	84	50	72	4	1.20	7	43.56	2.15	26.99	-0.33
Greeneville	91	52	76	5	3.21	5	34.72	3.44	23.60	3.13
Kingston_AG	91	55	76	6	1.46	5	41.26	-0.23	26.28	1.04
Knoxville_AP	92	53	77	5	1.54	4	37.35	3.41	21.56	1.08
Newcomb	89	53	75	7	2.24	6	38.89	-0.09	22.43	-2.53
Norris_4NE	90	53	75	4	1.72	4	37.28	-0.51	20.77	-2.97
Tri-City_RGNL_A	89	52	76	6	1.96	5	34.63	4.99	23.90	4.74

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) measured in inches.

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